

network and whose output is coupled to the first transmission line; and

a second pulse-forming network, whose input is coupled to the second coupling network and whose output is coupled to the second transmission line.

23. (Previously Presented) The oscillator system of claim 22 wherein the second oscillating circuit comprises:

a first coupling network, whose input is coupled to the second transmission line;

a second coupling network, whose input is coupled to the first transmission line;

a first pulse-forming network, whose input is coupled to the first coupling network and whose output is coupled to the first transmission line; and

a second pulse-forming network, whose input is coupled to the second coupling network and whose output is coupled to the second transmission line.

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24. (Original) The oscillator system of claim ~~17~~¹⁸ wherein the first coupler further comprises a capacitive summing network.

25. (Original) The oscillator system of claim ~~17~~¹⁸ wherein the first coupler further comprises a resistive summing network.

26. (Cancelled)

27. (Currently Amended) ~~The method of claim 26~~ A method for generating high frequency oscillations, comprising:

producing first oscillations in a first oscillator containing first gain and non-linear elements wherein said producing first oscillations further comprises: